

**DECLARATION
and
DESIGNATION OF CORRESPONDENCE ADDRESS**

As an inventor named below, I hereby declare that:

My residence, post office address and citizenship are stated below next to my name.

I believe I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought in the specification GP-302006 entitled

**METHOD AND SYSTEM FOR IMPROVED THERMAL MANAGEMENT OF A
VOLTAGE SOURCE INVERTER OPERATING AT LOW OUTPUT FREQUENCY
UTILIZING A ZERO VECTOR MODULATION TECHNIQUE**

I have reviewed and understand the contents of the above-identified specification including the claims, as amended by any amendment referred to in this Declaration.

I acknowledge my duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in title 37 Code of Federal Regulations, Section 1.56.

I further declare that all statements made above of my own knowledge are true, that all statements made above on information and belief are believed to be true, and that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under title 18 United States Code, Section 1001 and may jeopardize the validity of the application or any patent issuing thereon.

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Inventor's signature

Silva Hiti.

Date 06/11/03

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Date 06/11/03

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Date 6/11/03

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Date 6/18/03

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Inventor's signature James M. Nagashima

Date 6/11/03

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Inventor's signature Eric R. Ostrom

Date 6/12/03

Full name: ERIC R. OSTROM
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Citizenship: US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No.: GP-302006

Inventors: SILVA HITI
CONSTANTIN C. STANCU
KHWAJA M. RAHMAN
SCOTT D. DOWNER
JAMES M. NAGASHIMA
ERIC R. OSTROM

Title: METHOD AND SYSTEM FOR IMPROVED THERMAL MANAGEMENT OF
A VOLTAGE SOURCE INVERTER OPERATING AT LOW OUTPUT
FREQUENCY UTILIZING A ZERO VECTOR MODULATION TECHNIQUE

**POWER OF ATTORNEY AND
DESIGNATION OF CORRESPONDENCE ADDRESS**

As an agent of General Motors Corporation, General Motors of Canada Limited, General Motors Japan Ltd., General Motors Strasbourg S.A., and Saturn Corporation, one or more of whom is the assignee of this patent application, I hereby appoint the following attorney employed by General Motors Corporation to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

CHRISTOPHER DEVRIES (Reg. No. 44654)

Address all communications to:

CHRISTOPHER DEVRIES
General Motors Corporation
Legal Staff
Mail Code 482-C23-B21
P.O. Box 300
Detroit, MI 48265-3000
Telephone: 313/665-4969

I am authorized to make the above appointment. The assignee's ownership of this patent application is established by the attached assignment documentation, the attached documentation is a true copy of the original documentation, and the original or a true copy of the attached documentation has been or is concurrently being submitted to the Patent and Trademark Office for recording.

By: 

Name: Howard N. Conkey Agent

Date: August 1, 2003

ASSIGNMENT

Pursuant to an agreement with my employer, I formally assign to GENERAL MOTORS CORPORATION, the entire right, title and interest, in all countries, in the improvements set forth in the United States patent application GP-302006 entitled

**METHOD AND SYSTEM FOR IMPROVED THERMAL MANAGEMENT OF A
VOLTAGE SOURCE INVERTER OPERATING AT LOW OUTPUT FREQUENCY
UTILIZING A ZERO VECTOR MODULATION TECHNIQUE**

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney ANTHONY LUKE SIMON to insert the application number and filing date of said application here in parentheses (_____ filed _____) when known.

Inventor's signature	<u>Silva Hiti</u>	Date: <u>06/11/03</u>
Full name:	SILVA HITI	Declaration dated:
Residence:	Redondo Beach, CA	<u>06/11/03</u>

On this _____ day of _____, 2003, before me personally appeared SILVA HITI, known to me to be the person who executed the foregoing instrument, and acknowledged that he/she executed the same.

(SEAL)

Notary Public

My commission expires:

County of Authorization:

Inventor's signature C. Stancu Date: 06/11/03
Full name: CONSTANTIN C. STANCU Declaration dated:
Residence: Anaheim, CA 06/11/03

On this _____ day of _____, 2003, before me personally appeared CONSTANTIN C. STANCU, known to me to be the person who executed the foregoing instrument, and acknowledged that he/she executed the same.

(SEAL)


Notary Public
My commission expires:
County of Authorization:

Inventor's signature Khwaja Rahman Date: 6/11/03
Full name: KHWAJA RAHMAN Declaration dated:
Residence: Torrance, CA 6/11/03

On this _____ day of _____, 2003, before me personally appeared KHWAJA RAHMAN, known to me to be the person who executed the foregoing instrument, and acknowledged that he/she executed the same.

(SEAL)

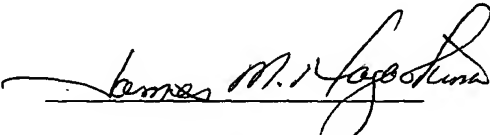
Notary Public
My commission expires:
County of Authorization:

Inventor's signature  Date: 6/18/03
Full name: SCOTT D. DOWNER Declaration dated:
Residence: Torrance, CA 6/18/03

On this _____ day of _____, 2003, before me personally appeared SCOTT D. DOWNER, known to me to be the person who executed the foregoing instrument, and acknowledged that he/she executed the same.

(SEAL)

Notary Public
My commission expires:
County of Authorization:

Inventor's signature  Date: 6/11/03
Full name: JAMES M. NAGASHIMA Declaration dated:
Residence: Cerritos, CA 6/11/03

On this _____ day of _____, 2003, before me personally appeared JAMES M. NAGASHIMA, known to me to be the person who executed the foregoing instrument, and acknowledged that he/she executed the same.

(SEAL)

Notary Public
My commission expires:
County of Authorization:

Inventor's signature Eric R. Ostrom Date: 6/12/03

Full name: ERIC R. OSTROM

Declaration dated:

Residence: Bellflower, CA

On this _____ day of _____, 2003, before me personally appeared ERIC R. OSTROM, known to me to be the person who executed the foregoing instrument, and acknowledged that he/she executed the same.

(SEAL)

Notary Public

My commission expires:

County of Authorization: